Manitowoc

Indigo™ thinking inside the box

Indigo™ Series 1000 Ice Cube Machine

50Hz Model: ☐ ID-1002A ☐ IY-1004A ☐ ID-1003W ☐ IY-1005W ☐ ID-1092N ☐ IY-1094N

Indigo Series i-1000
Ice Machine on B-570 Bin

Designed for operators who know that ice is critical to their business, the Indigo™ Series ice machine's preventative diagnostics continually monitor itself for reliable ice production. Improvements in cleanability and programmability make your ice machine easy to own and less expensive to operate.

- **Space-Saving Design** – Up to 970 lbs. (440 kgs.) daily ice production and only 30" (76.20 cm) wide.
- **Intelligent Diagnostics** – provide 24 hour preventative maintenance and diagnostic feedback for trouble free operation.
- **Acoustical Ice Sensing Probe** – for reliable operation in challenging water conditions.
- **EasyRead Display** – communicates operating status, cleaning reminders, and asset information through a blue illuminated display.
- **Programmable Ice Production** – by On/Off Time, Ice Volume or Bin Level (with accessory bin level control) further improves energy efficiency and savings.
- **Easy to Clean Foodzone** – Hinged front door swings out for easy access. Removable water-trough, distribution tube, curtain, and sensing probes for fast and efficient cleaning. Select components made with AlphaSan® antimicrobial.
- **DuraTech™ Exterior** – provides superior corrosion resistance. Stainless finish with innovative clear-coat resists fingerprints and dirt.
- Available **LuminIce™ Growth Inhibitor** controls the growth of bacteria and yeast within the foodzone.

Ice Machine Electric

230/50/1

Minimum circuit ampacity:

Air-cooled:	13.7
Water-cooled:	9.7
Remote:	10.7

Maximum fuse size:

Air-cooled:	20
Water-cooled:	20
Remote:	20

Specifications

BTU Per Hour:

16,250 (average) 18,600 (peak)

Refrigerant:

R-404A CFC-free

Operating Limits:

- Ambient Temperature Range: 35˚ to 110˚F (1.7˚ to 43.3˚C)
  Water Temperature Range: 35˚ to 90˚F (1.7˚ to 32.2˚C)
- Water Pressure Ice Maker
  Water In:
  Min. 20 psi (137.9 kPA)
  Max. 80 psi (551.1 kPA)

COMMERCIAL WARRANTY

ICE MAKER	EVAPORATOR	COMPRESSOR
3 YEAR PARTS AND LABOR	5 YEAR PARTS AND LABOR	5 YEAR PARTS 3 YEAR LABOR

Ice Shape

Half Dice
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2.22 cm)

Dice
⅞" x ⅞" x ⅞"
(2.22 x 2.22 x 2.22 cm)

NSF CE QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV ISO 9001:2008

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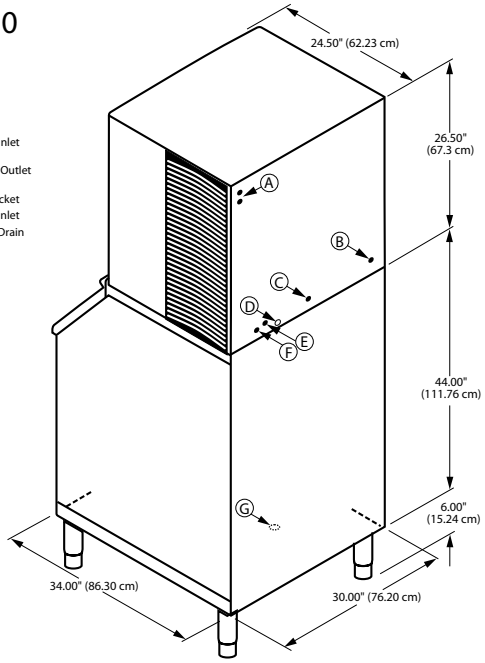
i-1000 on B-570 Storage Bin

Ⓐ Electrical Entrance (2) Options
Ⓑ 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
Ⓒ 1/2" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)
Ⓓ 1/2" (1.27 cm) Auxillary Base Drain Socket
Ⓔ 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
Ⓕ 1/2" (1.27 cm) F.P.T. Ice Making Water Drain
Ⓖ 3/4" (1.91 cm) Bin Drain



Installation Note
Minimum installation clearance:

Top/sides: 8" (20.32 cm); Back is 5" (12.7 cm)

Space-Saving Designs

	i-1000 B-570	i-1000 B-970*
Height	76.50" 194.30 cm	76.50" 194.30 cm
Width	30.00" 76.20 cm	48.00" 121.92 cm
Depth	34.00" 86.30 cm	34.00" 86.30 cm
Bin Storage	430 lbs. 195 kgs.	710 lbs. 322.2 kgs.

Height includes adjustable bin legs 6.00" to 8.00", (15.24 to 20.32 cm) set at 6.00" (15.24 cm).

**K-00370 bin adapter required.*

50Hz Specifications

	Model	Ice Shape	Ice Production 24 Hours 70°Air/ 50°F Water	Ice Production 24 Hours 90°Air/ 70°F Water	Power Usage kWh/100 lbs. @90°Air/70°F	Water Usage/ 100 lbs. 45.4 kgs. of Ice Potable Water
AIR-COOLED	ID-1002A	dice	950 lbs	735 lbs.	5.41	19.8 Gal.
			431 kgs.	333 kgs		75.0 L
	IY-1004A	half-dice	970 lbs.	747 lbs.	5.36	19.8 Gal.
			440 kgs.	339 kgs.		75.0 L
WATER-COOLED	ID-1003W	dice	960 lbs.	864 lbs.	4.23	19.8 Gal.
			435 kgs.	392 kgs.		75.0 L
	IY-1005W	half-dice	970 lbs.	869 lbs.	4.07	19.8 Gal.
			440 kgs.	394 kgs.		75.0 L
	* Water-cooled Condenser Water Usage / 100 lbs. /45.4 kgs. Of Ice: 180 gal/681 L.					
REMOTE-COOLED	ID-1092N	dice	922 lbs.	800 lbs.	5.50	19.8 Gal.
			418 kgs.	363 kgs.		75.0 L
	IY-1094N	half-dice	979 lbs.	782 lbs.	5.28	19.8 Gal.
			444 kgs.	355 kgs.		75.0 L

Order ice storage bin separately. Ice storage bin and JC-0995 remote condenser must be ordered separately. Consult remote condenser specification sheet for details.

Accessories

LuminIce™ Growth Inhibitor
reduces yeast and bacteria growth for a cleaner ice machine.

Bin Level Control
Allows ice bin level to be automatically set. Built-in LED light illuminates bin.

Arctic Pure® Water Filters
Reduces sediment and chlorine odors for better tasting ice.

AuCS®
schedules and performs routine ice machine cleaning automatically.

4870 ©2011 Manitowoc 9/11 Continuing product improvement may necessitate change of specifications without notice.

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